


Electronic Filing System (EFS) Data

Electronic Patent Application Submission

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EFS ID:	18370	
Application ID:	10065246	
Title of Invention:	YAW CONTROL FOR AN AUTOMOTIVE VEHICLE USING STEERING ACTUATORS	
First Named Inventor:	Keith Mattson	
Domestic/Foreign Application:	Domestic Application	
Filing Date:	null	
Effective Receipt Date:	2002-09-27	
Submission Type:	Utility Patent Filing	
Filing Type:	new-utility	
Confirmation Number:	0	
Attorney Docket Number:	201-0645 GAS	
Digital Certificate Holder:	cn=Raymond L. Coppiellie, ou=Registered Attorneys, ou=Patent and Trademark Office, ou=Department of Commerce, o=U.S. Government, c=US	
Certificate Message Digest:	wZRtGuLMKO1ZXIde+vuSJA==	
Total Fees Authorized:	\$940.0	
Payment Category:	DA - Deposit Account	
Deposit Account Number:	61510	
Deposit Account Name:	Sandra M. Lewis	

TRANSMITTAL FORM

Electronic Version 1.0.3

Stylesheet Version: 1.0

Submission Type: Utility Patent
Filing

Attorney Docket
Number:

201-0645
GAS



YAW CONTROL FOR AN AUTOMOTIVE VEHICLE USING STEERING ACTUATORS

First Named Inventor: Keith Glenn Mattson

SUBMITTED BY

Organization Name:

Ford Motor Company

Name:

Saundra M. Lewis Electronic Filing
Specialist

Electronic Signature Mark: /sml

Date Signed: 20020927

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I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

declaration

declaration1of2.tif

declaration

declaration2of2.tif

declaration	infodisclosure1of2.tif
declaration	infodisclosure2of2.tif
declaration	consentletter.tif
bibd-transmittal	201-0645apds.xml
patent-assignments	201-0645asgn.xml
specification	specification.xml
fee-transmittal	201-0645fee.xml

Attached Image File(s):

declaration1of2.tif
declaration2of2.tif
infodisclosure1of2.tif
infodisclosure2of2.tif
consentletter.tif

Comments:

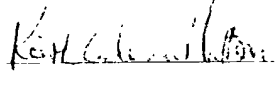
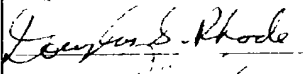

If insufficient funds in Deposit Account 06-1510; please use Deposit Account 06-1505.

DECLARATION AND POWER OF ATTORNEY - ORIGINAL APPLICATION	Attorney's Docket No. 201-0645																												
<p>As a below named inventor, I hereby declare: My residence, post office address and citizenship are as stated below next to my name;</p> <p>I verily believe I am the original, first and sole inventor or an original, first and joint inventor of the subject matter that is claimed for which a patent is sought on the invention entitled</p> <p>YAW CONTROL FOR AN AUTOMOTIVE VEHICLE USING STEERING ACTUATORS</p> <p>the specification of which is attached hereto.</p> <p>I have reviewed and understand the contents of the specification identified above, including the claims.</p> <p>I acknowledge my duty to disclose information of which I am aware that is material to the examination of this application in accordance with Section 1.56(a), Title 37 of the Code of Federal Regulations; and as to application for patents or inventor's certificate on the invention filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns,</p> <p style="margin-left: 40px;"> <input checked="" type="checkbox"/> no such applications have been filed, or <input type="checkbox"/> such applications have been filed as follows: <input type="checkbox"/> I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below </p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 15%;">COUNTRY</th> <th style="width: 20%;">APPLICATION NO.</th> <th style="width: 20%;">DATE OF FILING (month, day, year)</th> <th style="width: 20%;">DATE OF ISSUE (month, day, year)</th> <th style="width: 20%;">PRIORITY CLAIMED UNDER 35 USC 119</th> <th style="width: 5%;"></th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td rowspan="3" style="vertical-align: top; font-size: 0.8em;"> <input type="checkbox"/> Additional provision: application numbers: on a supplementary priority date PTO/SB/C attached to </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> <p>I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which is available between the filing date of the prior application and the national or PCT International filing date of this application.</p> <table style="width: 100%; margin-top: 10px;"> <tr> <td style="width: 33%; border-bottom: 1px solid black;">(Application Number)</td> <td style="width: 33%; border-bottom: 1px solid black;">(Filing Date)</td> <td style="width: 33%; border-bottom: 1px solid black;">(Status - patented, pending, abandoned)</td> </tr> <tr> <td style="border-bottom: 1px solid black;"> </td> <td style="border-bottom: 1px solid black;"> </td> <td style="border-bottom: 1px solid black;"> </td> </tr> </table> <p>POWER OF ATTORNEY: - I/we hereby appoint the following Practitioners: Customer No. 28549, Kevin G. Mierzwa - 3 my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States and Trademark Office and all foreign Patent Offices.</p>		COUNTRY	APPLICATION NO.	DATE OF FILING (month, day, year)	DATE OF ISSUE (month, day, year)	PRIORITY CLAIMED UNDER 35 USC 119							<input type="checkbox"/> Additional provision: application numbers: on a supplementary priority date PTO/SB/C attached to											(Application Number)	(Filing Date)	(Status - patented, pending, abandoned)			
COUNTRY	APPLICATION NO.	DATE OF FILING (month, day, year)	DATE OF ISSUE (month, day, year)	PRIORITY CLAIMED UNDER 35 USC 119																									
					<input type="checkbox"/> Additional provision: application numbers: on a supplementary priority date PTO/SB/C attached to																								
(Application Number)	(Filing Date)	(Status - patented, pending, abandoned)																											

Address all correspondence and telephone calls to:

Kevin G. Mierzwa
Artz & Artz PLC
28333 Telegraph Road, Suite 250
Southfield, MI 48034 Phone: 248 223-9500

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statement jeopardize the validity of the application or any patent issuing thereon

NAME AND MAILING ADDRESS OF INVENTOR:	RESIDENCE	CITIZENSHIP	SIGNATURE
Keith Glenn Mattson 30650 Rayburn St. Livonia, MI 48154 US	Livonia, MI 48154 US	U.S.A	
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Todd Allen Brown 233 N. Mildred St. Dearborn, Mi. 48128 US	Dearborn, Mi. 48128 US	U.S.A	

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Substitution for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			
Complete if Known			
Application Number		Unassigned	
Filing Date		Filed Herewith	
First Named Inventor		Douglas S. Rhodes	
Group Art Unit		Unknown	
Examiner Name		Unknown	
Sheet	1	Of	1
Attorney Docket Number		201-0645 (FGT 1584 PA)	

U.S. PATENT DOCUMENTS						
Examine r Initials	Cite No. ¹	U.S. PATENT DOCUMENT		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Kind Code ² Number	(if known)			
	A	4,705,130		Fukunaga et al	Nov. 10, 1987	
	B	4,767,588		Ito	Aug. 30, 1988	
	C	4,840,389		Kawabe et al	Jun. 20, 1989	
	D	4,967,865		Schindler	Nov. 6, 1990	
	E	5,001,636		Shiraishi et al	Mar. 19, 1991	
	F	5,001,637		Shiraishi et al	Mar. 19, 1991	
	G	5,097,917		Serizawa et al	Mar. 24, 1992	
	H	5,159,553		Karnopp et al	Oct. 27, 1992	
	I	5,247,441		Serizawa et al	Sep. 21, 1993	
	J	5,251,135		Serizawa et al	Oct. 5, 1993	
	K	5,257,828		Miller et al	Nov. 2, 1993	
	L	5,261,503		Yasui	Nov. 16, 1993	
	M	5,428,536		Ackermann	Jun. 27, 1995	
	N	5,524,079		Ishida et al	Jun. 4, 1996	
	O	5,576,957		Asanuma et al	Nov. 19, 1996	
	P	5,623,409		Miller	Apr. 22, 1997	
	Q	5,694,319		Suissa et al	Dec. 2, 1997	
	R	5,703,775		Yamamoto et al	Dec. 30, 1997	
	S	5,799,745		Fukatani	Sep. 1, 1998	
	T	5,845,222		Yamamoto et al	Dec. 1, 1998	
	U	5,925,083		Ackermann	Jul. 20, 1999	
	V	6,079,513		Nishizaki et al	Jun. 27, 2000	
	W	6,108,599		Yamamoto et al	Aug. 22, 2000	
	X	6,219,604		Dilger et al	Apr. 17, 2001	
	Y	6,240,350		Endo	May 29, 2001	

[illegible]

Examiner Signature		Date Considered	
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Signature	Considered
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	

1 Unique citation designation number 2 See attached Kinds of U.S. Patent Documents 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3) 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible 6 Applicant is to place a check mark here if English language Translation is attached

Substitute for Form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	Unassigned
				Filing Date	Filed Herewith
				First Named Inventor	Douglas S. Rhodes
				Group Art Unit	Unknown
				Examiner Name	Unknown
Sheet	1	of	1	Attorney Docket Number	201-0645 (FGT 1584PA)

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

[illegible]

Examiner Signature		Date Considered	
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*EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609 Draw line through citation if not in conformance and not considered Include copy of this form with next communication to applicant

¹Unique citation designation number ²Applicant is to place a check mark here if English language Translation is attached

PATENT APPLICATION

ASSISTANT COMMISSIONER FOR PATENTS
Washington, D. C. 20231

Case Docket No. **201-0645**
Date: September 26, 2002

Sir:

Inventor(s).
Keith Mattson
Douglas Rhode
Todd Brown

For: **YAW CONTROL FOR AN AUTOMOTIVE VEHICLE USING STEERING ACTUATORS**

The attorney or agent below has reviewed this application and its attachments and consents to electronic filing by the assignee.

Respectfully submitted:

Gary A. Smith
Attorney or Agent of Record
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Telephone: 1-313-3230541

FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Large Entity

TOTAL FEES AUTHORIZED: \$ 940

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 06-1510



Deposit Account Name: 06-1510

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

SUBMITTED BY

Authorized Name: Sandra M. Lewis

Electronic Signature Mark: /sml

Date Signed: 20020927

BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 22	103	\$ 18	2	\$ 36
Independent Claims: 4	102	\$ 84	1	\$ 84

Subtotal For Extra Claims Fees: \$ 120

ADDITIONAL FEES

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Recording Each Patent Assignment Per Property Fee	00000000	1	581	\$ 40	\$ 40
Recording Each Patent Assignment Per Property Fee	00000000	1	581	\$ 40	\$ 40

Subtotal For Additional Fees: \$ 80